



**NTSB** National Transportation Safety Board

# United States General Aviation Safety Picture



EASA General Aviation  
Annual Safety Conference  
15 October, 2014

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Member, NTSB

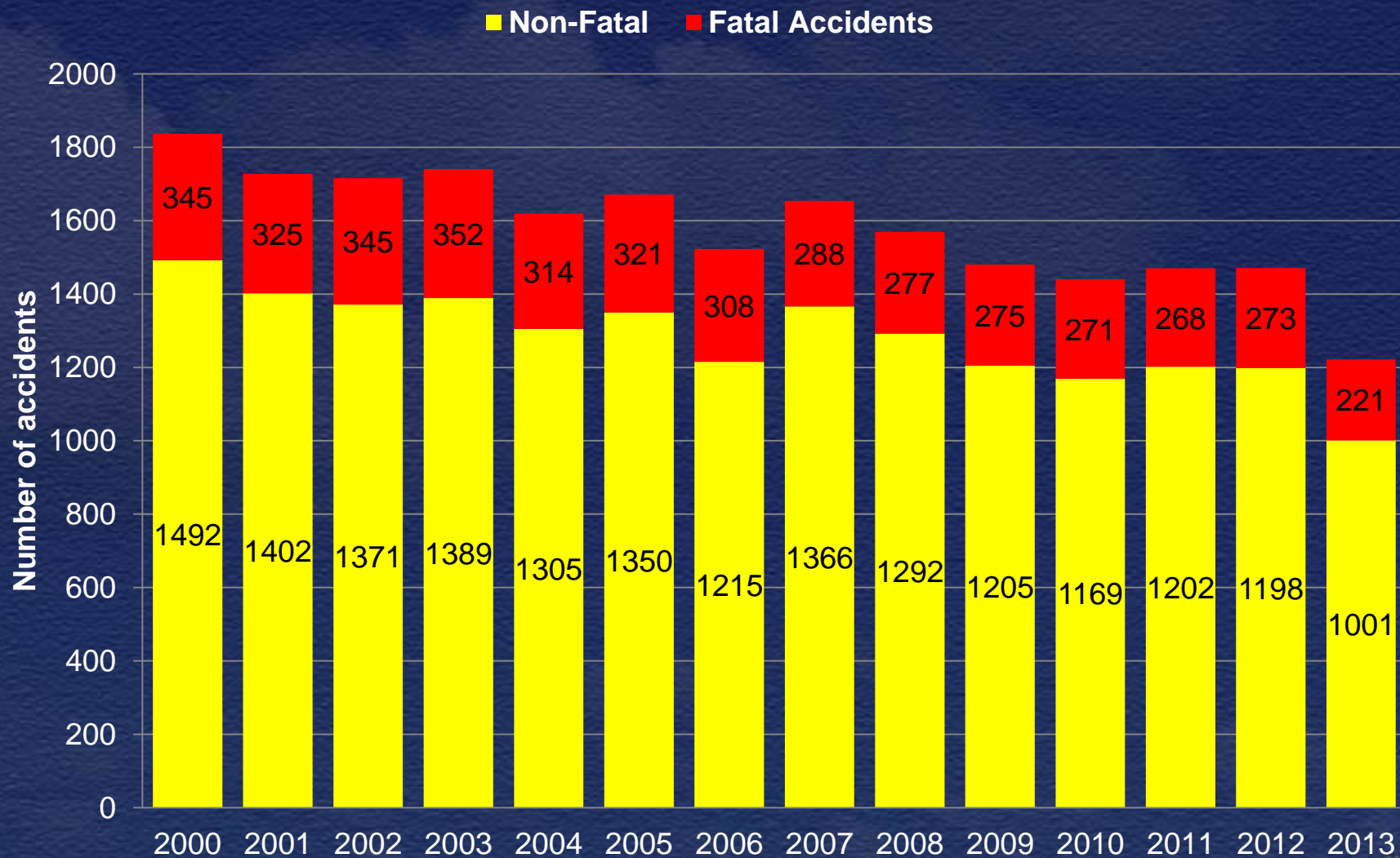
# US General Aviation

- 600,000 Pilots with FAA Certificate
- 200,000 Aircraft in GA Operations
- 5,200 Public Use Airports
- 13,000 Privately Owned Landing Facilities
- 1,200,000 GA Related Jobs
- \$150,000,000,000 to Annual GDP

# US General Aviation Aircraft (2012)

• Total GA Aircraft	199,651
– Fixed Wing Piston	141,086
– Fixed Wing Turboprop	8,432
– Fixed Wing Turbojet	8,864
– Rotary Wing	7,658
– Experimental Amateur Built	18,843
– Experimental Light Sport	4,631
– Exhibition	1,923
– Special Light Sport	2,001

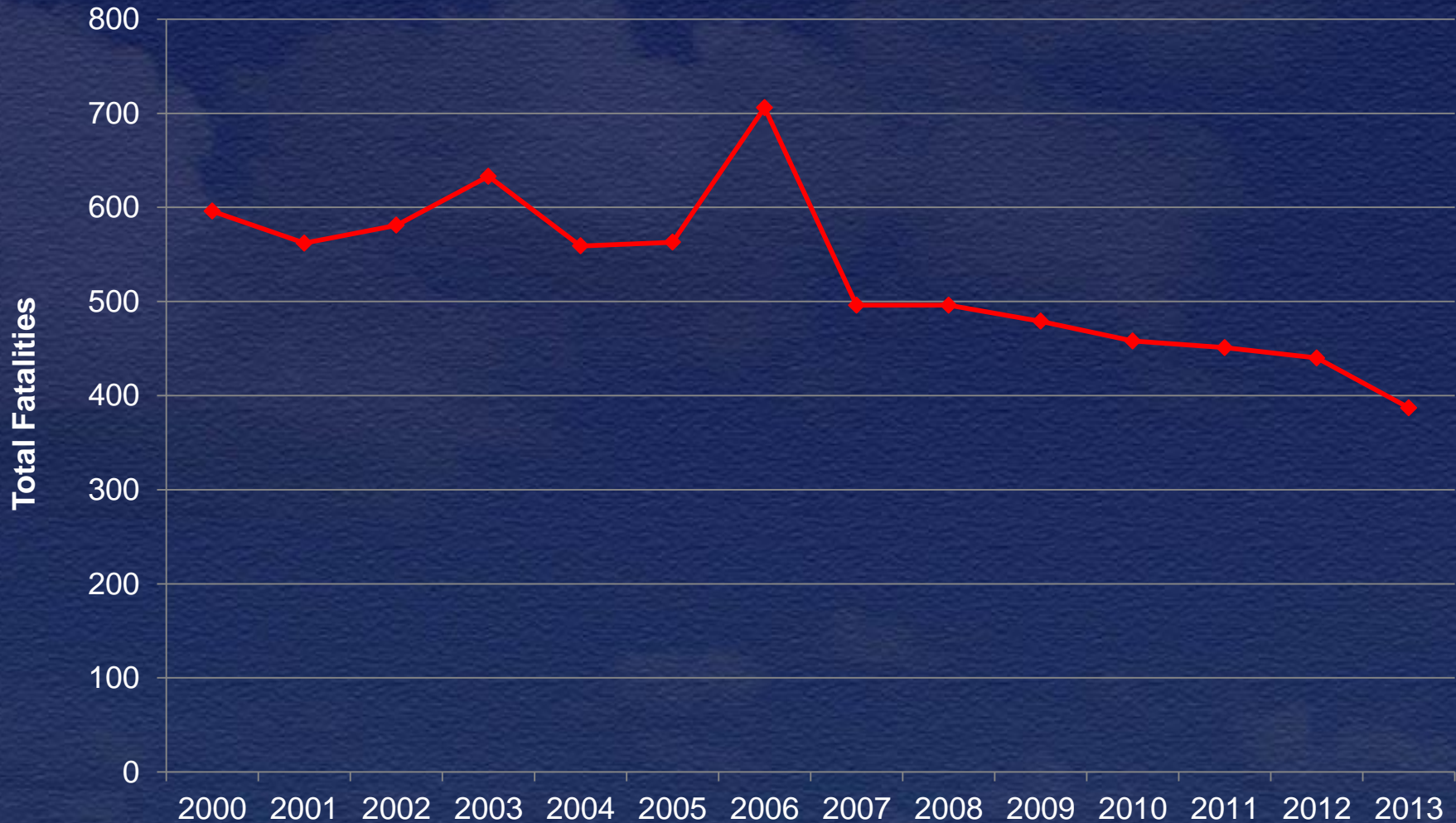
# All GA Accidents



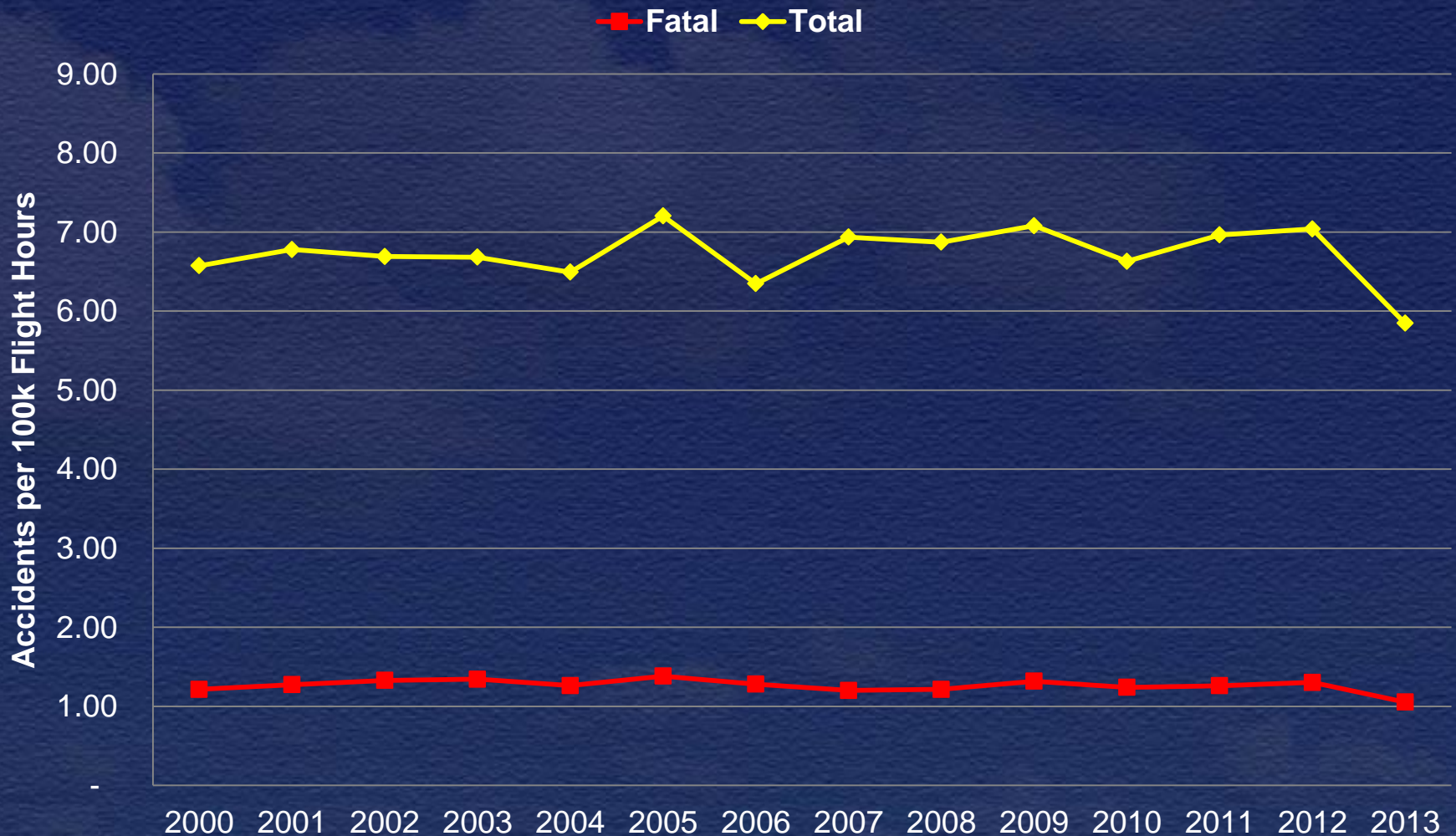
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# GA Accident-involved Fatalities



# GA Accident Rates



\*The 2011 GA Survey is currently not available. FAA is actively engaged in re-calibration efforts and expect to have validated 2011 data published at a later date.

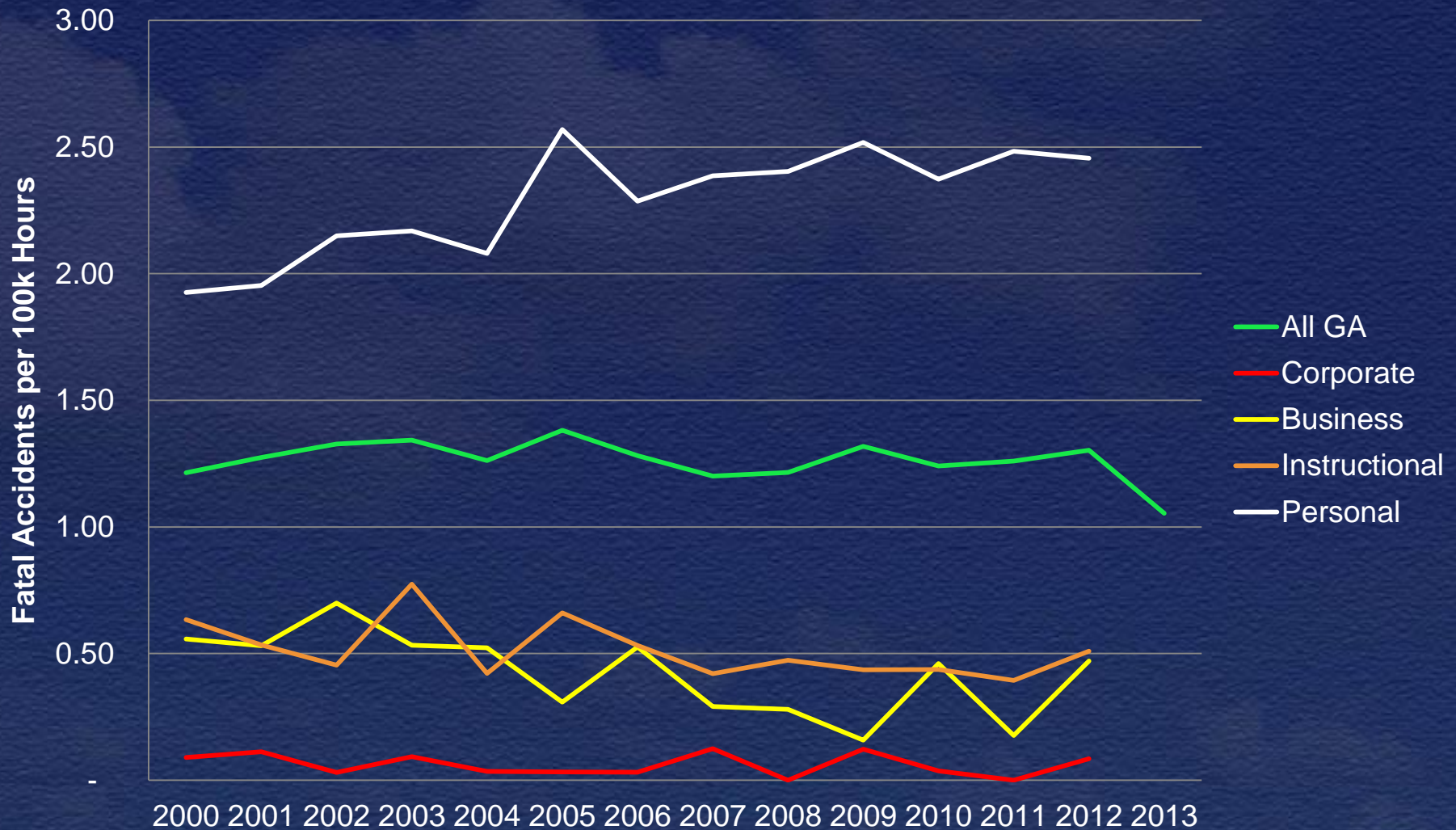
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# Accident Rates per 100k Flight Hours



# Fatal Accident Rates per 100k Flight Hours



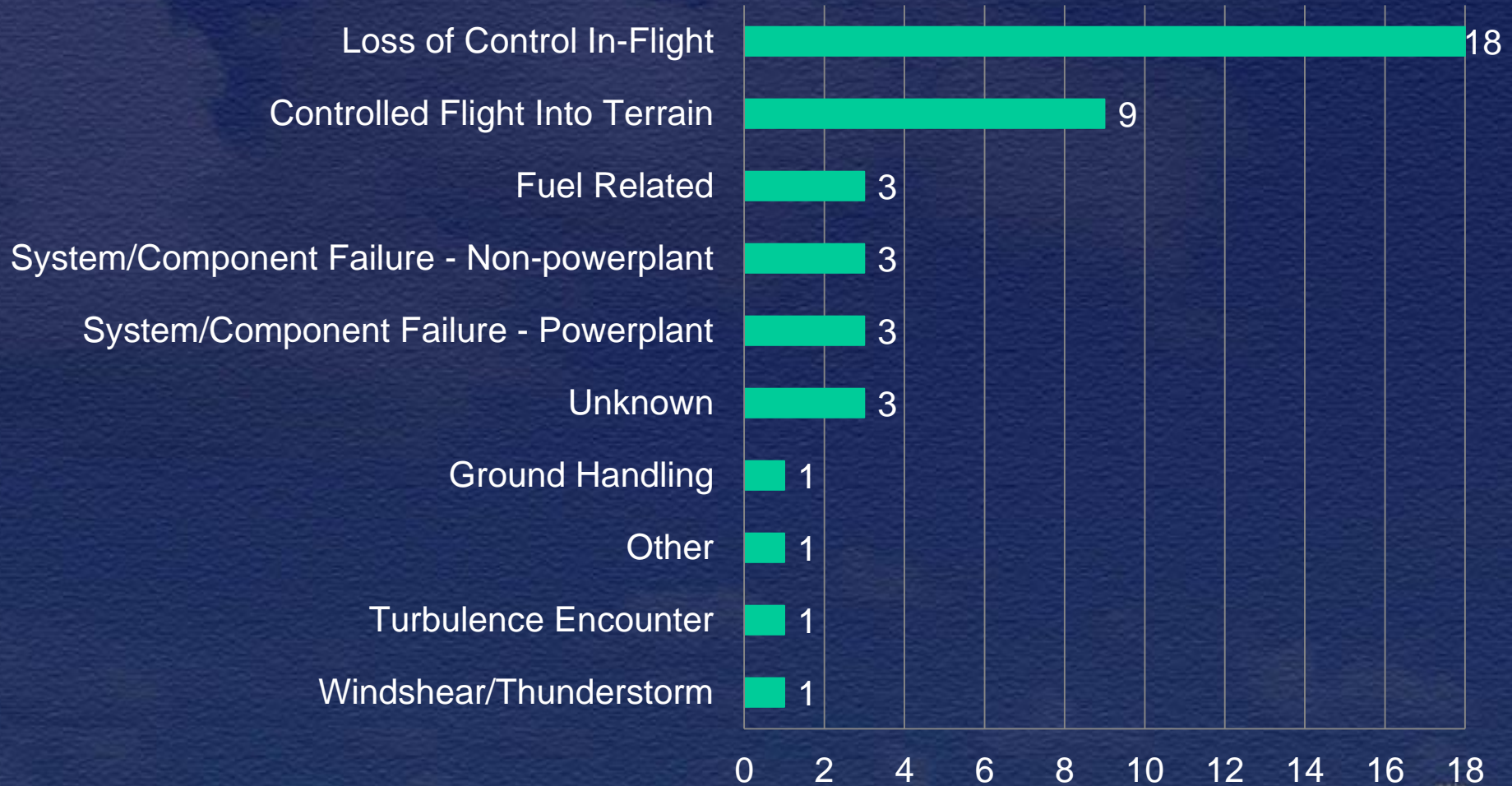
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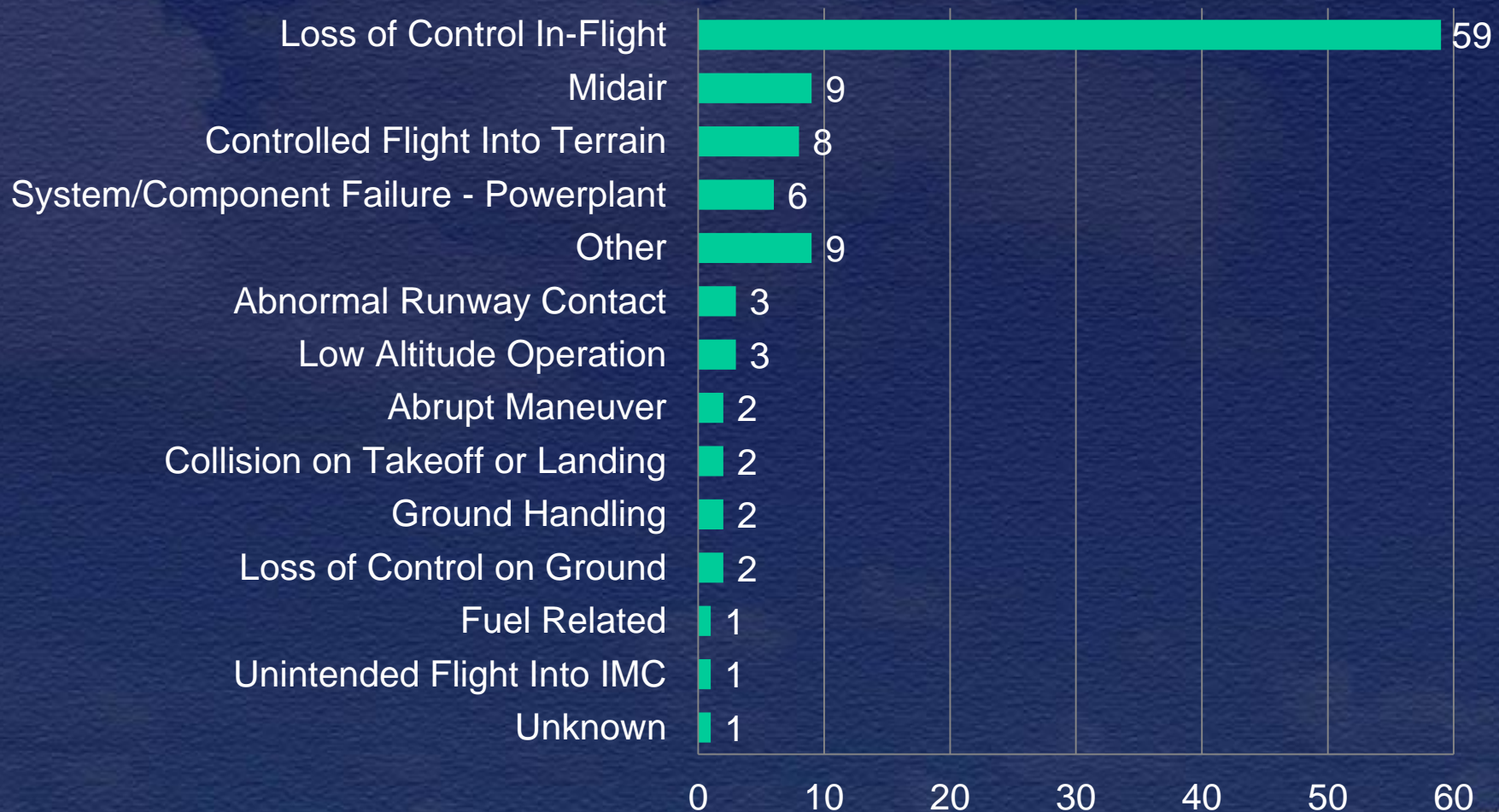
# Business Flying, 2008-2013

## Number of Fatal Accidents



# Instructional Flying, 2008-2013

## Number of Fatal Accidents

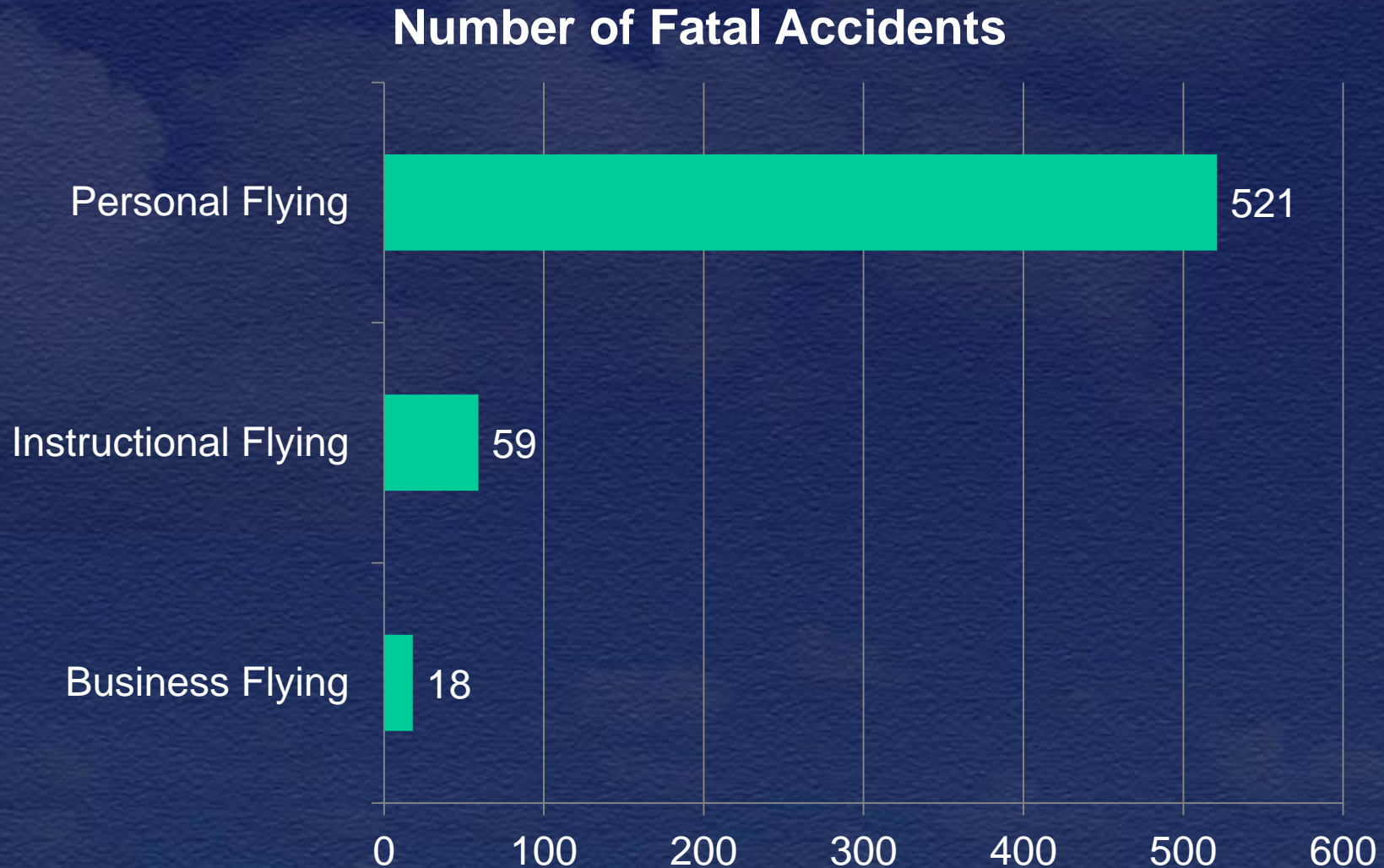


# Personal Flying, 2008-2013

## Number of Fatal Accidents



# Loss of Control In-Flight, 2008-2013



# Defining Fatal Accident Events

## All Part 91 GA 2008-2012

- Loss of Control in Flight
- System/Component Failure – Powerplant
- Controlled Flight into Terrain
- Collision with Terrain/Object (non-CFIT)
- VFR Encounter with IMC
- System/Component Failure –  
Non-Powerplant

# Activities Underway

- NTSB Most Wanted List
- NTSB Safety Alerts
- GA Joint Steering Committee
- GA Summit Meetings



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